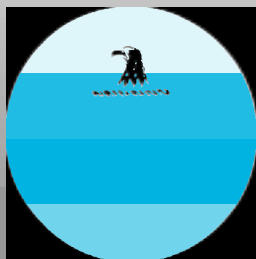




Sheraton Augusta Hotel
Augusta, GA June 6-8, 2000



ER TEC 2000 conference highlights

Natural cleanup was featured during the June 6-8, 2000 Environmental Restoration Technology End User Conference

During the three days of activities, attendees from 30 states, Canada, and the District of Columbia shared new ideas for environmental cleanup technologies that can save taxpayers time and money. The focus this year was on natural remedies that use trees, plants, and microbes -- where mother nature helps. The 250 attendees discussed a range of topics including bioremediation, phytoremediation, monitored natural attenuation, and regulator issues. What set this meeting apart from other conferences was the commitment to sharing field experiences using new technologies among people doing real cleanup work.

Distinguished Guests and Speakers

"We are very proud here at the Savannah River Site (SRS) Department of Energy (DOE) to be working along side of the Environmental Protection Agency and the Department of Defense to put on this conference," said Greg Rudy, Manager, DOE-SR.



Thomas Heenan, DOE-SR (left) talks with Stephen Luftig, Environmental Protection Agency's Office of Emergency and Remedial Response (U.S. EPA). During Mr. Luftig's keynote address on the first day of the conference, he said, "ER TEC 2000 is a great opportunity for a diverse group of people to share their experiences in site cleanup."

Kay Wischkaemper, U.S. EPA Region 4, and Colonel John Selstrom, Department of Defense, discuss environmental issues with SRS Citizen's Advisory Board member, Murray Riley. Colonel Selstrom, during his keynote address on day two of the conference said, "Our biggest challenge is understanding what's underground. I'd like to see our money invested in modeling, monitoring, and contaminant removal."



Technical and panel presentations facilitated integration and teamwork on environmental topics



Lena Ma

Lena Ma, a professor from the University of Florida, said her research was on phytoremediating arsenic contaminated soil and wastes with hyperaccumulating plants.

Other topics included usefulness of diffusion samples for detection of TCE in groundwater plume outcropping, in situ oxidation of DNAPL using permanganate, watershed risk analysis, biotreatment of DNT contaminated soils, PHOSter™, vapor extraction systems, and air sparging.

During the phytoremediation panel, Mike Kuperberg, from Florida State University explained how, "We are on the cutting edge of phytoremediation ... we are now applying phytoremediation in Poland for cleanup."



Mike Kuperberg



John Lehr, the Acting Associate Deputy Assistant Secretary for Science and Technology, Office of Environmental Management, DOE, gave the conference opening address and lead the Interstate Technology and Regulatory Cooperation (ITRC) Panel presentation. Mr. Lehr said investment in technology is paying off as we apply new technology more rapidly. He said, "We've had 129 deployments of new technology in the last three fiscal years."

Camilla Warren, Chief Remedial Section, DOE Facility, EPA Region 4, said, "the EPA is really interested in transferring some information about new technologies from the federal facilities to the private sector -- and we think that's very exciting."



ITRC Panel Discussions



Attendance by conference exhibitors and attendees was wide ranging during ER TEC 2000

Represented were 23 conference exhibitors from the private sector, state and federal environmental agencies, and academia. These wide ranging exhibits were both informative and illustrative of the latest innovations in environmental restoration technologies.

Keith Collinsworth, Federal Facilities Agreement Project Manager, S.C. Department of Health and Environmental Control, said, "We need to talk about progress toward long term cleanup of our difficult and complex sites. Seeing representatives of other sites get together here tells us they've gotten benefits from some of the work done at the Savannah River Site ... and that's really very encouraging."



Attendees:

DOD	15
DOE	32
ER Subcontractors	47
Regulators	43
Universities	24
Other	89
Total	250

Additional conference information is available by contacting

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*Jim Kuper and Michelle Ewart explain DUS
in M Area at SRS*

Conference attendees saw first hand where innovative technologies are in use at SRS

During the site tour for conference attendees, Jim Kuper, principal investigator for the SRS ER Dynamic Underground Stripping project, explained the DUS technology being deployed in M Area of SRS. "This is the first deployment of DUS in the southeast," said Kuper, "... although it's been used successfully at three other locations. "

Other SRS tour highlights included the Burial Ground Complex and the L Area Oil and Chemical Basin.



*Tower view at the
Burial Ground Complex*